



CALL4PAPER

You are kindly invited to join the 4th edition of DigitalHeritage World Congress and Expo (DH25), organised in Siena (Italy), from September 8 to 13, 2025, by submitting original contributions applied to the various areas within the Digital Cultural Heritage domain

www.digitalheritage2025.unisi.it - Digital Heritage 2025 Siena Italy - digitalheritage@unisi.it

INTRODUCTION

DigitalHeritage (DH) World Congress & Expo is a widely recognized event dedicated to the advancement of theory and practice within digital cultural heritage. DH 4th edition brings together leading international scientific organisations, initiatives and events, all in one venue with a prestigious joint publication. A groundbreaking public exhibition of cutting edge digital heritage projects will also be set up. Following the successful format of the previous editions, the conference will have a single call for papers and a coordinated scientific review process.

LOCATION

In 2025 the Congress is organised in Siena (Italy), one of the most important cities in mediaeval Europe. The whole city, with its iconic Piazza del Campo, was devised as a work of art that blends into the surrounding landscape.

PROGRAM

DH25 opens on September the 9th, 2025, anticipated by a full day of Tutorials, Workshops, Policy Roundtables and Projects meetings. On the 8th, DH Expo will be officially opened for participants and citizens. The closing ceremony and social dinner are

expected to take place on the 12, while social trips and tuscany wine tasting on the 13th.

CALL FOR PAPERS

We are seeking original, innovative and previously unpublished contributions in theoretical or applied Digital Heritage domains. All papers will have a blind peer review by the International Programme Committee (IPC). The IPC seeks for every submission at least one “digital” and one “heritage” reviewer to ensure a rich diversity of accepted works spanning both technology and humanities. All submissions will be reviewed for originality, significance, clarity, impact, and soundness. Each submission shall indicate the specific Digital Heritage 2025 Track that is relevant to the submission (see below “Tracks and Special Sessions”). You can submit full or short papers, special sessions (tutorials, workshops and panels), and exhibitions (follow dedicated “call for exhibits”).

PUBLICATION

Conference Proceedings will be published in Open Access with Eurographics (EG) Publisher and will be available in the EG Digital Library, indexed by Scopus and Web of Science, while a co-publication agreement is currently under



negotiation with IEEE. Web3D conference contributions will be published in ACM.

Journal Special Issues: a selection of papers submitted to the conference will be invited for an extended publication in leading journals (ACM JOCCH, Elsevier DAACH, MDPI Heritage, Indiana Univ. Press “Studies in Digital Heritage” etc.).

Exhibition Catalogue: selected exhibitions will be invited to submit a description of their work for the catalogue of the DH Expo.

TYPES OF CONTRIBUTION

PAPERS (*templates are provided*):

- **Full** (10-pages incl. bibliography) for high standing scientific results and longer oral communication at the conference;
- **Short** (4-pages incl. bibliography) for ongoing research and shorter oral communication at the conference;
- **Poster** (2-pages incl. bibliography) for ongoing or recently completed work.

SPECIAL SESSIONS (*templates are provided*):

- **Workshop** (2-pages incl. bibliography) forum for researchers and practitioners to discuss and exchange positions on current and emergent topics;
- **Tutorial** (2-pages incl. bibliography) presentation of technological solutions and methods for students and professionals;
- **Panel** (2-pages incl. bibliography) high level discussion session with experts on key challenges.

EXPO* (*template is provided*):

- **Exhibition description** (up to 2-pages incl. bibliography)
* a separate “[call4expo](#)” is launched including all specific details.

SUBMISSION

All contributions must be original, anonymized, and not simultaneously submitted to another journal or conference. Authors are requested to submit their work by means of the conference submission platform. Submissions will be rejected without review if it is found that: 1. The submission violates the [EG Policy and Procedures on Plagiarism](#). 2. Electronic files have been created using AI. 3. The paper contains material for which the submitters have not secured the necessary copyrights.

AWARDS

DH25 will honour best works by different awards:

- **Best paper award:** best papers will receive an award and invitation to submit to high impact scientific journals for high standing publication.
- **Best exhibition award:** Best applications and installations will be selected in different categories including interactive and non-interactive applications, digital art installation and emerging technologies demo.



TRACKS AND CO-LOCATED EVENTS

1) Documentation, Preservation, Monitoring

and Restoration track (F. Remondino - FBK, V. Abergel - CNRS,

C. Miliani - CNR ISPC):

Heritage impact assessment
Inventory for heritage management
Cultural heritage and archives
Heritage management planning
Endangered heritage
Natural risk management
Climate change mitigation
Long term archiving/storage
Intangible heritage
Rehabilitation of historical buildings
Digital publishing and Philology
Digital Technologies for Restoration&Monitoring

2) Policy, Standards, Ethics and Education track (M. Klein -

7Reasons, A. Chrysanthi - Univ. of the Aegean):

Ethical use of AI technologies
Requirements and policies
SDG for heritage
Cultural tourism
Education and training
Sociology and User studies
Neuroscience and cognitive psychology in DH
Sustainability
Metadata
Archives accessibility and reproduction rights
Public use of History digital society
Heritage & tourism sustainability
Citizen science for heritage
Cultural heritage and local identity

3) Infrastructures, Dataspace and

international projects track (D. Kotzinos - ECHOES, A. Guillem

ERIHS & B. Fanini - H2IOSC)

Collaborative cloud for Cultural Heritage
Connecting infrastructures
Best practices
Digital transformation
Digital Archives and Digital Libraries
Digital accessibility
Heritage cybersecurity
Blockchain and NFT

4) Acquisition and Digitization track (P. Santos - GCH &

M.Hoffmann -National Library CH, S. Campana-Univ. Siena)

Photogrammetry and Computer Vision
Laser scanning and active sensors
AI-based methods
Multimodal data
Remote sensing
Historical data processing
Materials and colours
Reflectance modelling
Neural Rendering Techniques (NeRF)
Generative AI for Cultural Heritage and Design
Massive digitization

5) Analysis and Interpretation track (J.Barcelo -Univ.

Barcelona & M. Spagnuolo - CNR IMATI)

Data fusion
Multi-temporal data analysis
Multi-modal analysis
Semantic enrichment
Point cloud segmentation and classification
Object detection
finite element modelling
Scan2BIM
GIS and spatial analyses
BIM and Digital Twin for Cultural Heritage
Ontologies
Diagnostic analysis

6) Visualisation and Interaction track (K. Rodriguez

Echavarria - GCH & L. De Paolis - XRsalento)

Web-based interactive solutions
Virtual, Augmented, Mixed, Extended Reality
Hybrid Experiences, Hybrid Museums
Interfaces
Serious Games, Applied Games and Gamification
Virtual technologies for museums, Virtual Museums
Advanced image-based rendering techniques
Design UX / UI
Haptic and HCI for heritage
Simulations
Digital born art
Cultural creativity

7) ACM web3D (N. Polys) Co-located conference *



| IMPORTANT DATES | Deadline | Notification | Camera Ready |
|------------------------------|------------|--------------|--------------|
| Trade Show Proposal | 15.03.2025 | | |
| Paper Abstract** (400 words) | 15.03.2025 | | |
| Workshops/Panel/Round tables | 15.03.2025 | 15.04.2025 | / |
| Tutorials | 15.03.2025 | 15.04.2025 | |
| Exhibits | 15.03.2025 | 15.05.2025 | 01.06.2025 |
| Full Papers (10 pages) | 15.04.2025 | 15.06.2025 | 01.07.2025 |
| Short Papers (4 pages) | 15.05.2025 | 15.06.2025 | 01.07.2025 |
| Poster | 15.05.2025 | 15.06.2025 | 01.07.2025 |

* a separate call is launched by web3D

** Abstracts are not going to be reviewed but are required to organize the reviewing process.

COMMITTEE:

Congress Co-Chairs: S. Campana (Univ. Siena), D. Ferdani (CNR ISPC), H. Graf (Fraunhofer IGD), S. Pescarin (CNR ISPC), F. Remondino (FBK) - Publication Chair and Assistant: G. Guidi, Z. Hegarty (Indiana Univ.) - Scientific Chairs: R. Scopigno (CNR ISTI), L. de Luca (CNRS), M. Roussou (Univ. of Athens); Expo Chairs: S. Kenderdine (EPFL), D. Ferdani - Poster Chairs: H. Kutlu (Fraunhofer IGD) & S. Rizvic (Univ. Sarajevo); DigitalHeritage Board: N. Polys (web3D), K. Rodriguez (GCH), L. de Paolis (XRSalento), A. Palombini (Archeovirtual), M. Forte (From Space2Place), J. Lerma (Arqueologica 2.0), L. Fisher (CAA), A. Bucciero (H2IOSC), A. Guillem (ERIHS), C. Langford (PERCEIVE), S. Peroni (CHANGES), X. Rodier (ECHOES), H.Hrasnika (NEM initiative), F. Bellotti (Serious Games Society)